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December 12, 2003

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Art Unit 2685

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DEC 1 8 2003

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 09/665,581; Filed: September 18, 2000

For:

**Direct Conversion Tuner** 

Inventor: Our Ref:

Erlend Olson 1875.0160000

Technology Center 2600

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Fee Transmittal (Form PTO/SB/17);
- 2. Petition for Extension of Time Under 37 C.F.R. § 1.136(a)(1);
- Amendment Under 37 C.F.R. § 1.111; 3.
- Return postcard; and 4.
- PTO-2038 Credit Card Payment Form for \$1,162.00 to cover: 5.

\$212.00 for additional claims fee; and \$950.00 for extension of time fees.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents December 12, 2003 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

Joff Helver

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey T. Helvey Agent for Applicant

Registration No. 44,757

JTH/agj SKGF\DCI\203177.1

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Applicant claims small entity status. See 37 CFR 1.27   TOTAL AMOUNT OF PAYMENT   (\$) 1,162.00	g FEE IRANSIMII IA	Application Number 09/665,581
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SUBTOTAL (1) (\$) 0.00  2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Total Claims 62 - 55 **= 7	1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Total Claims	1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding
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(Complete (if applicable)) SUBMITTED BY Registration No. Name (Print/Type) Telephone (202) 371-2600 Jeffrey T. Helvey 44,757 Date Signature

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SUBTOTAL (3)

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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